

=> d hist

(FILE 'HOME' ENTERED AT 15:13:09 ON 22 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:13:20 ON 22 DEC 2006

```

      E "EOSIN"/CN 25
L1      1 S E3
      E "EOSIN"/CN 25
      E "BENZALKONIUM CHLORIDE"/CN 25
L2      1 S E3
      E "BENZALKONIUM CHLORIDE"/CN 25
      E "POLYHEXAMETHYLENE BIGUANIDE"/CN 25
L3      1 S E4
      E "POLYHEXAMETHYLENE BIGUANIDE"/CN 25
      E "POLYHEXAMETHYLENEBIGUANIDE"/CN 25
L4      1 S E2
      SEL L1 CHEM
```

FILE 'CAPLUS' ENTERED AT 15:22:14 ON 22 DEC 2006

```

L5      1396 S 17372-87-1/BIOL,ANST
L6      0 S 8001-54-5/ANST,BIOL
L7      64 S 57029-18-2/BIOL,ANST
L8      0 S L7 AND L5
```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:23:54 ON 22 DEC 2006
SEA (EOSIN### OR BROMOEOSIN##) (S) ((ALKYLBENZYLDIMETHYLAMMONIU

```

-----
2  FILE ANABSTR
1  FILE BIOSIS
1  FILE BIOTECHNO
3  FILE CAPLUS
1  FILE DDFB
2  FILE DDFU
1  FILE DRUGB
3  FILE DRUGU
1  FILE EMBASE
2  FILE ESBIOBASE
1  FILE LIFESCI
5  FILE PASCAL
1  FILE SCISEARCH
7  FILE USPATFULL
1  FILE VETU
2  FILE WPIDS
2  FILE WPINDEX
```

L9 QUE (EOSIN### OR BROMOEOSIN##) (S) ((ALKYLBENZYLDIMETHYLAMMONIU

FILE 'USPATFULL, PASCAL, CAPLUS, DRUGU, ANABSTR, ESBIOBASE, WPIDS, BIOSIS, BIOTECHNO, DDFB, DRUGB, EMBASE, LIFESCI, SCISEARCH, VETU' ENTERED AT 15:33:09 ON 22 DEC 2006

```

L10      32 S L9
L11      29 S L10 NOT PY>2003
L12      19 DUP REM L11 (10 DUPLICATES REMOVED)
```

=> s (eosin### or bromoeosin##) (s) (polyhexamethylene (4a) biguanidin##)
L13 0 (EOSIN### OR BROMOEOSIN##) (S) (POLYHEXAMETHYLENE (4A) BIGUANIDI
N##)

=> d hist full

(FILE 'HOME' ENTERED AT 15:13:09 ON 22 DEC 2006)

FILE 'REGISTRY' ENTERED AT 15:13:20 ON 22 DEC 2006

```
L1      SET LINE 250
        SET DETAIL OFF
        E "EOSIN"/CN 25
        SET NOTICE 1000 SEARCH
1 SEA ABB=ON  PLU=ON  EOSIN/CN
        SET NOTICE 1 DISPLAY
        SET LINE LOGIN
        SET DETAIL LOGIN
        DIS L1 1 SQIDE
        SET LINE 250
        SET DETAIL OFF
        E "EOSIN"/CN 25
        E "BENZALKONIUM CHLORIDE"/CN 25
L2      1 SEA ABB=ON  PLU=ON  "BENZALKONIUM CHLORIDE"/CN
        SET LINE LOGIN
        SET DETAIL LOGIN
        DIS L2 1 SQIDE
        SET LINE 250
        SET DETAIL OFF
        E "BENZALKONIUM CHLORIDE"/CN 25
        E "POLYHEXAMETHYLENE BIGUANIDE"/CN 25
L3      1 SEA ABB=ON  PLU=ON  "POLYHEXAMETHYLENE BIGUANIDE, SRU"/CN
        SET LINE LOGIN
        SET DETAIL LOGIN
        DIS L3 1 SQIDE
        SET LINE 250
        SET DETAIL OFF
        E "POLYHEXAMETHYLENE BIGUANIDE"/CN 25
        E "POLYHEXAMETHYLENEBIGUANIDE"/CN 25
L4      1 SEA ABB=ON  PLU=ON  "POLYHEXAMETHYLENE BIGUANIDINE HYDROCHLORID
        E"/CN
        SET LINE LOGIN
        SET DETAIL LOGIN
        DIS L4 1 SQIDE
        SET NOTICE LOGIN DISPLAY
        SET NOTICE LOGIN SEARCH
        SEL L1 CHEM
```

FILE 'CAPLUS' ENTERED AT 15:22:14 ON 22 DEC 2006

```
L5      1396 SEA ABB=ON  PLU=ON  17372-87-1/BIOL,ANST
L6      0 SEA ABB=ON  PLU=ON  8001-54-5/ANST,BIOL
L7      64 SEA ABB=ON  PLU=ON  57029-18-2/BIOL,ANST
L8      0 SEA ABB=ON  PLU=ON  L7 AND L5
```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 15:23:54 ON 22 DEC 2006
SEA (EOSIN### OR BROMOEOSIN##) (S) ((ALKYLBENZYLDIMETHYLAMMONIU

```
-----
2  FILE ANABSTR
1  FILE BIOSIS
1  FILE BIOTECHNO
3  FILE CAPLUS
1  FILE DDFB
2  FILE DDFU
1  FILE DRUGB
3  FILE DRUGU
1  FILE EMBASE
2  FILE ESBIODASE
1  FILE LIFESCI
5  FILE PASCAL
```

1 FILE SCISEARCH
7 FILE USPATFULL
1 FILE VETU
2 FILE WPIDS
2 FILE WPINDEX

L9 QUE ABB=ON PLU=ON (EOSIN### OR BROMOEOSIN##) (S) ((ALKYLBENZY
LDIMETHYLAMMONIUM OR ALKYLDIMETHYLBENZYLAMMONIUM OR BENZALKONIUM))

D RANK

FILE 'USPATFULL, PASCAL, CAPLUS, DRUGU, ANABSTR, ESBIODASE, WPIDS,
BIOSIS, BIOTECHNO, DDFB, DRUGB, EMBASE, LIFESCI, SCISEARCH, VETU' ENTERED
AT 15:33:09 ON 22 DEC 2006

L10 32 SEA ABB=ON PLU=ON L9
L11 29 SEA ABB=ON PLU=ON L10 NOT PY>2003
L12 19 DUP REM L11 (10 DUPLICATES REMOVED)
D L12 IBIB ABS 1-19
L13 0 SEA ABB=ON PLU=ON (EOSIN### OR BROMOEOSIN##) (S) (POLYHEXAMET
HYLENE (4A) BIGUANIDIN##)

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 17372-87-1 REGISTRY
CN Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-
3',6'-dihydroxy-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Eosin Yellowish (6CI)

OTHER NAMES:

CN 11445 Red
CN 11731 Red
CN 1903 Yellow Pink
CN Acid Red 87
CN Aizen Eosine GH
CN Basacid Red 316
CN Bromo 4D
CN Bromo 4DC
CN Bromo 4DL
CN Bromo acid
CN Bromo B
CN Bromo FL
CN Bromo JPS
CN Bromo TS
CN Bromo X 100
CN Bromo XX
CN Bromoeosine
CN Bromofluoresceic acid
CN Bromofluorescein
CN Bronze Bromo
CN C.I. 45380
CN C.I. Acid Red 87
CN Certiquel Eosine
CN Chugai Ink Red AM 5
CN D and C Red No. 22
CN D&C Red 22
CN D&C Red No. 22
CN Daiwa Red 103WB
CN Dawn red
CN Disodium eosin
CN Eosin
CN Eosin A
CN Eosin OJ
CN Eosin Y
CN Eosin yellow
CN Eosin YS
CN Eosine
CN Eosine 3G
CN Eosine 3Y
CN Eosine A
CN Eosine BPC
CN Eosine BS
CN Eosine BS-SF
CN Eosine DA
CN Eosine DWC 73
CN Eosine Extra Conc. A. Export
CN Eosine Extra Yellowish
CN Eosine FA
CN Eosine G

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for
DISPLAY

AR 548-26-5
DR 658700-91-5, 12777-83-2, 1340-15-4, 122199-14-8, 95917-83-2, 37361-24-3,
84932-33-2, 198831-98-0
MF C20 H8 Br4 O5 . 2 Na
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS,

BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent; Preprint; Report

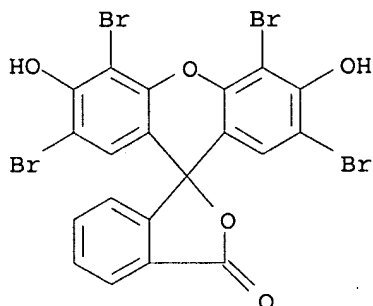
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

CRN (15086-94-9)



●2 Na

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3721 REFERENCES IN FILE CA (1907 TO DATE)
157 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
3801 REFERENCES IN FILE CAPLUS (1907 TO DATE)
9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 8001-54-5 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN Quaternary ammonium compounds, alkylbenzyltrimethyl, chlorides (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ammonium compounds, substituted, alkylbenzyltrimethyl chlorides

OTHER NAMES:

CN Alkylbenzyltrimethylammonium chlorides

CN Alkyltrimethylbenzylammonium chloride

CN Benzalkon A

CN Benzalkonium chloride

CN BTC

CN BTC 471

CN Culversan LC 80

CN Dimanin A

CN Genamin KDS

CN Kemamine BAC

CN Leda benzalkonium chloride

CN Magna M 407

CN Mefarol

CN Morpan BC 50

CN Mycosan

CN Mycosan S

CN Neo germ-i-tol

CN Osvan

CN P 3-Triquat AP

CN Phagomucor

CN Preventol R 80

CN Quaternium 1

CN Quatramine 50

CN Rhodaquat RP 50

CN Romergal CB

CN Zephiran

CN Zephiran chloride

DR 12741-06-9, 8011-91-4, 8036-90-6, 8039-63-2, 8045-21-4, 59890-14-1, 75635-12-0, 39434-18-9

MF Unspecified

CI MAN, CTS

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CABA, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IMSCSEARCH, IPA, MEDLINE, MRCK*, MSDS-OHS, PS, RTECS*, SCISEARCH, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)

Other Sources: WHO

DT.CA Caplus document type: Journal; Patent

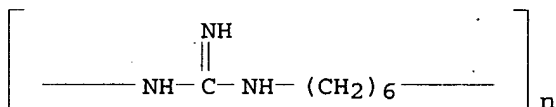
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

11 REFERENCES IN FILE CA (1907 TO DATE)

11 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
 RN 57029-18-2 REGISTRY
 CN Poly(iminocarbonimidoylimino-1,6-hexanediyl monohydrochloride) (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN Biopag
 CN BIOR 1
 CN Guanidine hydrochloride-hexamethylenediamine copolymer, SRU
 CN Inkra-sept 28L
 CN Mucosanin
 CN Poly(hexamethyleneguanidine) hydrochloride
 CN Polyhexamethylene biguanidine hydrochloride
 DR 163794-83-0, 358745-88-7
 MF (C7 H15 N3)n . Cl H
 AF (C7 H15 N3 . Cl H)n
 CI PMS, COM
 PCT Polyother, Polyother only
 LC STN Files: BIOSIS, CA, CAPLUS, PIRA, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA Caplus document type: Journal; Patent
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation); PRP (Properties); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)
 RELATED POLYMERS AVAILABLE WITH POLYLINK
 CRN (31961-54-3)



● HCl

PROPERTY DATA AVAILABLE IN THE 'PROP'. FORMAT

113 REFERENCES IN FILE CA (1907 TO DATE)
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 113 REFERENCES IN FILE CAPLUS (1907 TO DATE)

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6316669"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 13:50
L2	371	(crystal near2 violet) same gram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 13:51
L3	5	L2 same eosin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 13:52
L4	20	L2 and eosin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 15:08
L5	45	stanley near2 huth	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 15:11
L6	1	L5 and eosin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 15:10
L7	127	charles near2 powell	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 15:11
L8	12	L7 and microb\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/22 15:12
L9	282	(eosin\$3 or bromoeosin\$3) same (alkylbenzyltrimethyl ammonium or alkyldimethylbenzylammonium or (benzalkonium near2 chloride))	US-PGPUB; USPAT	OR	ON	2006/12/22 15:50
L10	177	L9 and (microb\$ or bacteri\$)	US-PGPUB; USPAT	OR	ON	2006/12/22 15:48
L11	42	L9 same (microb\$ or bacteri\$)	US-PGPUB; USPAT	OR	ON	2006/12/22 15:48
L12	25	(eosin\$3 or bromoeosin\$3) and (alkylbenzyltrimethyl ammonium or alkyldimethylbenzylammonium or (benzalkonium near2 chloride))	EPO; JPO; DERWENT	OR	ON	2006/12/22 15:49

EAST Search History

L13	0	(eosin\$3 or bromoeosin\$3) same (polyhexamethylene near2 biguanide)	US-PGPUB; USPAT	OR	ON	2006/12/22 15:50
L14	13	(eosin\$3 or bromoeosin\$3) and (polyhexamethylene near2 biguanide)	US-PGPUB; USPAT	OR	ON	2006/12/22 15:50